EMERGENCY POWER PLAN FOR NAVAL STATION NORFOLK

1. Background. Various destructive weather events have the potential to impact the power supply and distribution system of Naval Station Norfolk. Snow events can down power lines from ice, wind can knock down power poles, lightning strikes can disable electrical distribution equipment, and high water can submerge underground electrical equipment. Critical operations on Naval Station are tasked with providing backup power supplies to sustain their critical mission in the event of an outage.

2. Purpose. To provide an overview of the emergency power capabilities on Naval Station Norfolk and review the process for requesting additional backup power capability.

3. Emergency Generator Inventory. Table 1 provides the current generator inventory for Naval Station Norfolk. This list is dynamic and will change as new facilities are built and old facilities are demolished each year. The most current list can be obtained from PWO Sewells Point, Deputy Public Works Officer, phone 444-4130.

4. Requesting Emergency Power

a. During a specific power outage event, commands that do not have fixed emergency power systems in place may be required to seek emergency power to continue operations. The Commander, Navy Region Mid-Atlantic and Naval Facilities Engineering Command Atlantic (NAVFACLANT) have limited portable emergency power generator capability. Additional capability is available by lease to local vendors.

b. Commands that have a critical mission, but do not already have backup generators installed, should consider programming for installation of emergency power services to their facility. Emergency power is a mission funded requirement, therefore CNRMA Facilities Sustainment funds will not be used to add emergency power to an existing facility. The Public Works Sewells Point staff is available to assist in the planning and development process to initiate future projects. Contact the Facilities Maintenance Specialist assigned to your facility.

c. Commands with a requirement for immediate emergency power during an outage shall contact the Naval Station SOPAADMINNORFOLKSUBAREA/Operations Center in Bldg. B-30, 322-2320/23. If the NAVSTA Operations Center has not been stood up,

contact the NAVFACLANT Operations Center at 444-7050/59. Requests to provide emergency power will be considered on a case specific basis. During a significant event, NAVFACLANT will have contracting capability available to obtain leased emergency generators.

d. Funding responsibility for rental and installation of the generator will be case specific. In general, Commands are responsible for funding temporary emergency power from Command OPTAR. The final determination for fund source will be made by the NAVFACLANT Command Duty Officer/Ops Center Watch Commander and NAVSTA Command Duty Officer/Ops Center Watch Commander.

5. Planned Securing of Power

a. During specific storm events, particularly when flooding is predicted, NAVFACLANT Utilities may direct power to be secured in specific areas in order to minimize the damage to electrical distribution systems. The primary reason for securing power will be associated with the storm surge projected from a given storm. Storm surge maps showing projected flooding levels by Hurricane Condition are available from NAVFACLANT Norfolk.

b. The procedure for securing power to NAVSTA Piers is outlined in enclosure (8), the Inundation Plan for Hurricane Categories II-V. Specific execution details are also included in the Fleet Sortie Plan.

c. Decisions to secure power to locations outside of the piers will be made by the Commanding Officer, NAVFACLANT. In the event of a planned power shut down, the NAVFACLANT Operations Center will notify:

Commanding Officer, Naval Station Norfolk (N26)
CNRMA Port Operations (W313)
Commander, Second Fleet (W5)
Commander, Regional Support Group (CEP 209)

Table 1 – Generator List A through N Area

Generator Location	Building Function	Emerg Power Serves	PWC Number	Voltage	KW	KVA	Owner	Fuel Type	Est Elev	Fuel Tank Size (Gal)
NM154	AOC	React Facility	081394	277/480	50		C	Diesel	14.0	
NM176	AOC	Ordnance Tracking	081368	277/480	90		C	Diesel	14.0	
NM71	Air Ops	Radio Xmt							12.5	
NM72	Air Ops	TACAN	091229	208	150	188	C	Diesel	12.5	1,100
NM74	Air Ops	Radio Xmt							9.0	
NM75	Air Ops	TACAN	070609	120/480	75		C	Diesel	9.0	500
NM81A	AOC	Red Label Lights	021858	240	60		C	Diesel	12.5	500
NOR140	Shore Patrol	Shore Patrol HQ	030240	120/208	30	37.5	C	Diesel		250
O25	TSC Norfolk	Training	021863	208/120	75	93.8	C	Diesel	13.5	800
P68	PWC	Utilities COC		208/416	125	156	U	Diesel	12.5	150
Q81	PWC	Lift Station		277/480	115		U	Diesel	10.5	500
Q95	PWC	Lift Station		277/480	105		U	Diesel	10.5	500
R43	NAVSTA	Fire Station #2	093069	120/208	15	18.75	C	Diesel	11.5	80
SP308	GATE 4	Lights on gate	097268	120/208	20		C	Diesel	13.0	27
SP368	PWC	Lift Station		120/208	100	125	U	Diesel	13.5	
SP65	PWC	Lift Station		120/208	150		U	Diesel	10.0	
SP77	Air Ops	TACAN	083572	120/208	45	56	C	Diesel	13.5	250
SP97	PWC	Lift Station		120/208	75		U	Diesel	13.5	500
T26A	NAVAIR	Flag Office	021876				C	Diesel	11.5	250
U117	METOC	METOC COC	091230	120/208	425	531	C	Diesel	12.5	1,500
U130	PWC	Lift Station		120/208	80	100	U	Diesel	10.5	500
U89	GATE 3	Lights on gate	097266	120/208	20		C	Diesel	11.5	27
V64	Combat Camera	Crypto Storage	021878	120/208	175	219	C	Diesel	8.5	500
V66	PWC	Water Tank Pump					U	Diesel	12.5	250
V82	Hometown News	No reqmt	021880	120/240	80	100	C	Diesel	10.0	80
W143	NMCI	GNOC							roof	
W146	NAVSTA	Fire Station #1	093070	120/208	15	18.75	C	Diesel	10.5	250
W313	NAVSTA PO	Port Ops	029897	120/240	80	100	C	Diesel	9.5	200
W313	NAVSTA PO	Port Ops	Temp	120/208	5			Gas	9.5	
W385	PWC	Lift Station		120/208	115	144	U	Diesel	10.0	500
X132	HLS	HLS Ops Center							16.0	
Z140	PWC	PWC COC	032414	120/208	100	125	C	Diesel	13.0	200

Table 2 – Generator List NM through Z Area